



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS**

the specification of which (check one)    is attached hereto   X   was filed on **June 7, 1995** as U.S. Application Serial No. **08/477,984** and was amended on August 28, 1996, December 10, 1997 and September 16, 1998.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

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I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s) |                |                             | Priority Claimed |           |
|------------------------------|----------------|-----------------------------|------------------|-----------|
| <u>Number</u>                | <u>Country</u> | <u>Day/Month/Year Filed</u> | <u>Yes</u>       | <u>No</u> |

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I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| <u>Application</u> |                    | <u>Status</u>                       |
|--------------------|--------------------|-------------------------------------|
| <u>Serial No.</u>  | <u>Filing Date</u> | <u>Patented, Pending, Abandoned</u> |

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I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or **first** inventor: Cynthia COWGILL

Inventor's signature x Cynthia Cowgill Date: 04 Apr 03

Residence: Berkeley, CA

Citizenship: US

Post Office Address: 2555 Buena Vista Way, Berkeley, CA 94708

Full name of **second** inventor: Luis JUARBE-OSORIO

Inventor's signature x Date: x

Residence: San Francisco, CA

Citizenship: US

Post Office Address: 1724 Alabama Street, San Francisco, CA 94110

Full name of **third** inventor: Patricio RIQUELME

Inventor's signature x  Date: 9 April 2003

Residence: Walnut Creek, CA

Citizenship: Chile

Post Office Address: <sup>d, PR 8-4-03</sup> 197 Gordon Road, Walnut Creek, CA 94539

Full name of **fourth** inventor: Glenn DORIN

Inventor's signature x  Date: 31 March 03

Residence: San Rafael, CA

Citizenship: US

Post Office Address: 34 Belle Avenue, San Rafael, CA 94901

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or **first** inventor: Cynthia COWGILL

Inventor's signature x *Cynthia Cowgill* Date: x 04 Apr 03

Residence: Berkeley, CA

Citizenship: US

Post Office Address: 2555 Buena Vista Way, Berkeley, CA 94708

Full name of **second** inventor: Luis JUARBE-OSORIO

Inventor's signature x *Luis Juarbe Osorio* Date: x 25 April 2003

Residence: San Francisco, CA

Citizenship: US

Post Office Address: 1724 Alabama Street, San Francisco, CA 94110

Full name of **third** inventor: Patricio RIQUELME

Inventor's signature x *P. Riquelme* Date: x 9 April 2003

Residence: Walnut Creek, CA

Citizenship: Chile

Post Office Address: 197 <sup>d, PR 8-4-03</sup> Goryon Road, Walnut Creek, CA 94539

Full name of **fourth** inventor: Glenn DORIN

Inventor's signature x *G. Dorin* Date: x 31 March 03

Residence: San Rafael, CA

Citizenship: US

Post Office Address: 34 Belle Avenue, San Rafael, CA 94901

Full name of **fifth** inventor: Christopher M. BUSSINEAU

Inventor's signature x Date: x

Residence: Hayward, CA

Citizenship: US

Post Office Address: 3616 La Mesa Drive, Hayward, CA 94542

Full name of **sixth** inventor: Robert D. KUDRNA

Inventor's signature x  Date: 28 MAR 03

Residence: Alameda, CA

Citizenship: US

Post Office Address: 3111 FERNSIDE BLVD 28 MAR 03  
~~2051 Shoreline Drive, #309~~, Alameda, CA 94501

Full name of **seventh** inventor: Carl SCANDELLA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Bellevue, WA

Citizenship: US

Post Office Address: 4404 91<sup>st</sup> Avenue NE, Bellevue, WA 98004

Full name of **eighth** inventor: Russell A. BRIERLEY



Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 1297 Kirkland Avenue, West Chester, PA 19380

Full name of **fifth** inventor: Christopher M. BUSSINEAU


Inventor's signature x  Date: x 

Residence: Hayward, CA

Citizenship: US

Post Office Address: 3616 La Mesa Drive, Hayward, CA 94542

Full name of **sixth** inventor: Robert D. KUDRNA

Inventor's signature x  Date: 28 MAR 03

Residence: Alameda, CA

Citizenship: US

Post Office Address: 3111 FERNSIDE BLVD <sup>28 MAR 03</sup> ~~2051 Shoreline Drive, #309~~, Alameda, CA 94501

Full name of **seventh** inventor: Carl SCANDELLA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Bellevue, WA

Citizenship: US

Post Office Address: 4404 91<sup>st</sup> Avenue NE, Bellevue, WA 98004

Full name of **eighth** inventor: Russell A. BRIERLEY

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 1297 Kirkland Avenue, West Chester, PA 19380

Full name of **fifth** inventor: Christopher M. BUSSINEAU

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Hayward, CA

Citizenship: US

Post Office Address: 3616 La Mesa Drive, Hayward, CA 94542

Full name of **sixth** inventor: Robert D. KUDRNA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Alameda, CA

Citizenship: US

Post Office Address: 2051 Shoreline Drive, #309, Alameda, CA 94501

Full name of **seventh** inventor: Carl SCANDELLA

Inventor's signature *x* Carl Scandella Date: *x* 3/11/03

Residence: Bellevue, WA

Citizenship: US

Post Office Address: 4404 91<sup>st</sup> Avenue NE, Bellevue, WA 98004

Full name of **eighth** inventor: Russell A. BRIERLEY

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: West Chester, PA

Citizenship: US

Post Office Address: 1297 Kirkland Avenue, West Chester, PA 19380

Full name of fifth inventor: Christopher M. BUSSINEAU

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Hayward, CA

Citizenship: US

Post Office Address: 3616 La Mesa Drive, Hayward, CA 94542

Full name of sixth inventor: Robert D. KUDRNA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Alameda, CA

Citizenship: US

Post Office Address: 2051 Shoreline Drive, #309, Alameda, CA 94501

Full name of seventh inventor: Carl SCANDELLA

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Bellevue, WA

Citizenship: US

Post Office Address: 4404 91<sup>st</sup> Avenue NE, Bellevue, WA 98004

Full name of eighth inventor: Russell A. BRIERLEY

Inventor's signature RA Brierley Date: 9 Sep 03

Residence: West Chester, PA

Citizenship: US

Post Office Address: 1297 Kirkland Avenue, West Chester, PA 19380

Full name of ninth inventor: Joan N. ABRAMS

Inventor's signature X Date: X

**Residence: Downingtown, PA 19335**

**Citizenship:** US

**Post Office Address: 464 Brookwood Drive, Downingtown, PA 19335**

Full name of tenth inventor: John M. HANSON

Inventor's signature *x* *[Signature]* Date: *x* 9/22/03

**Residence:** Encinitas, CA

**Citizenship:** US

Post Office Address: 1019 Elmview Drive, Encinitas, CA 92024

Full name of eleventh inventor: Francis C. MASLANKA

Inventor's signature X Date: X

**Residence: West Chester, PA**

**Citizenship:** US

Post Office Address: 607 Lorient Drive, West Chester, PA 19382



Full name of ninth inventor: Joan N. ABRAMS

Inventor's signature x *Jo Abrams* Date: x *30 Sep 03*

Residence: Downingtown, PA 19335

Citizenship: US

Post Office Address: 464 Brookwood Drive, Downingtown, PA 19335

Full name of tenth inventor: John M. HANSON

Inventor's signature x Date: x

Residence: Encinitas, CA

Citizenship: US

Post Office Address: 1019 Elmview Drive, Encinitas, CA 92024

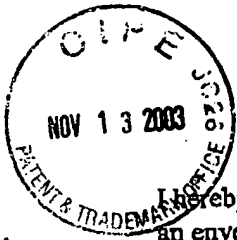
Full name of eleventh inventor: Francis C. MASLANKA

Inventor's signature x *F Maslanka* Date: x *22 OCT 03*

Residence: West Chester, PA

Citizenship: US

Post Office Address: *236 Montpelier Drive, Downingtown PA 19335*  
~~607 Lorient Drive, West Chester, PA 19382~~ *JM*  
*22 OCT 03*



PATENT

U.S. Serial No. 08/477,984

Attorney Docket No. 2300-1087 (1087.001)

I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

R. M. [Signature]  
Name:

11/10/03  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

COWGILL et al.

Serial No.: 08/477,984

Filed: June 7, 1995

For: METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS

Confirmation No.:

Group Art: 1654

Examiner: Gupta

**POWER OF ATTORNEY FOR PATENT APPLICATION**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

As assignee of record of the above-identified application, I hereby appoint the following as my attorneys or agents with full power of substitution to prosecute this application and transact all business in the patent office connected therewith:

Roberta L. Robins  
Dahna S. Pasternak

33,208  
41,411

Please direct all telephone calls regarding this application to Roberta L. Robins at Robins & Pasternak LLP: Telephone (650) 493-3400; Facsimile (650) 493-3440.

PATENT  
U.S. Serial No. 08/477,984  
Attorney Docket N . 2300-1087 (1087.001)

Address for ALL Correspondence:

Chiron Corporation  
Intellectual Property  
P.O. Box 8097  
Emeryville, CA 94662-8097

CHIRON CORPORATION

Date: November 9 2003

By: 

Joseph H. Guth  
Vice President and  
Associate Chief Patent Counsel  
Assistant Secretary

Attorney Docket No. PP1087.001 (CHIR-1087/00US)

Patent

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 on 11/10/03.

By: **STATEMENT UNDER 37 C.F.R. § 3.73(b)**Applicant/Patent Owner: Chiron CorporationApplication No./Patent No: 08/477,984 Filed/Issue Date: June 7, 1995Entitled: METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS

Chiron Corporation  
(Name of Assignee)

a corporation  
(Type of assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either

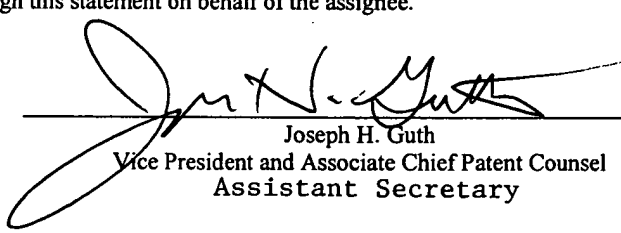
- A. ☒ Assignments from the inventor(s) of the patent application identified above. The assignments were recorded in the Patent and Trademark Office at Reel 7647, Frame 0141 and Reel 8310, Frame 0204, or for which copies thereof are attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From:      To:       
The document was recorded in the Patent and Trademark Office at  
Reel     , Frame     , or for which a copy thereof is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date: June 18, 2003  
Joseph H. GuthVice President and Associate Chief Patent Counsel  
Assistant Secretary

COPY

ASSIGNMENT

WHEREAS, I, **Carl SCANDELLA**, hereinafter referred to as **ASSIGNOR**, have invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:           **METHODS FOR PURIFYING AUTHENTIC IGF FROM YEAST HOSTS**

Date of Execution:

Filing Date:                 June 7, 1995

Serial No:                    08/477,984

WHEREAS, **CHIRON CORPORATION**, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNOR** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNOR** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

**ASSIGNOR** also agrees that the U.S. serial number and the filing date may be entered above by **ASSIGNEE** or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

ASSIGNOR further agrees that he will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed his name to this assignment on the date indicated below.

INVENTOR: Carl SCANDELLA

DATE March 11, 2003      Carl Scandella  
Signature

State of Washington  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, Notary Public,  
personally appeared \_\_\_\_\_, personally known to me OR  
proved to me on the basis of satisfactory evidence to be the person whose name is  
subscribed to the within instrument and acknowledged to me that he/she/they  
executed the same in his/her/their authorized capacity(ies), and that by his/her/their  
signature(s) on the instrument the person(s), or the entity upon behalf of which the  
person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Seal